Kansas Department of Health and Environment
Division of Environment
Bureau of Air and Radiation

NATURAL GAS SWEETENING PLANT

1) Source ID Number: _____

2) Company/Source Name: _____

3) Emission Unit Identification: _____

4) Normal Operating Schedule: _____ hrs/yr

5) Type of process used to remove H_2S: Amine _____ Solid Bed Absorption _____
Carbonate _____ Physical Absorption _____
Other, describe _____

6) Hydrogen sulfide content of natural gas before treatment _____ ; after treatment _____

7) Amount of natural gas to be treated: _____ 10^6 ft^3/day

8) If amine process is used, list the tail gas disposal method:
flared _____ vented to atmosphere _____ sulfur recovery plant _____
Other, describe_____

9) Emissions discharged to the atmosphere _____ ft above grade through a stack or duct _____ ft in diameter at _____ ^oF at _____ ft^3/min and _____ ft/sec velocity.

10) If using an internal combustion engine, complete the INTERNAL COMBUSTION ENGINE form 8-1.0.

11) For emission control equipment, use the appropriate CONTROL EQUIPMENT form and duplicate as needed. Be sure to indicate the emission unit that the control equipment is affecting.

12) Did construction, modification, or reconstruction commence after January 20, 1984? Yes ☐; No ☐
Does the plant have a design capacity less than 2 long tons per day of hydrogen sulfide in the acid gas?
Yes ☐; No ☐
Does the plant produce acid gas that is completely reinjected into oil-or-gas-bearing geological strata or that is otherwise not released to the atmosphere? Yes ☐; No ☐
If yes, this plant may be subject to NSPS, 40 CFR Part 60, Subpart KKK or Subpart LLL.